**Create self certificate-(refer-** [**https://youtu.be/JKzGY-k7Kxs**](https://youtu.be/JKzGY-k7Kxs)**)**

1. Open terminal and cd to where you want to save certificate.
2. Then type the below command on terminal

keytool -genkey -alias mykey -storetype JKS -keyalg RSA -keystore keystore.jks

            (Note- these keytool is present in our java jdk ,so you should have java on your system)

1. It will ask following things-

* Enter keystore password:  your\_pass
* Re enter :  your\_pass
* First and last name:  your\_name
* Name of your organization\_unit:  your\_orgunit\_name
* Name of your organization: your\_org\_name
* Name of your city or location: city(ex: Indore)
* Name of your state : state(ex. Madhya pradesh)
* Starting 2 letters of your country: XY (ex: IN)

      Display information to verify:    yes

       Enter key password for keystore:

       (return if same as keystore password)

1. Your certificate is created.(keystore file.jks)

**Add certificate in your sparkjava project**

1. Create a “deploy” folder in your project.
2. Paste the above certificate in it.(deploy foder)
3. Add the below function in your main class above all routes(get,post,etc)

secure(keystoreFilePath, keystorePassword, null, null);

1. Your Task completed.

(for more detail -<https://docs.oracle.com/cd/E19509-01/820-3503/ggfen/index.html>)